

Facts to Remember

Unit 13 The area under a speed-time graph is the *distance* travelled.

The equation of a straight line is of the form

$$y = mx + c$$

where m is the gradient and c is the y -intercept.

Unit 14 A *translation* moves all points of an object in the same direction and the same distance.

Two shapes are *congruent* if they are identical in every way.

Two shapes are *similar* if they have the same shape but may be different in size.

Unit 15 If y is *directly proportional* to x , then $y \propto x$ or $y = kx$ where k is a constant.

If y is *inversely proportional* to x , then $y \propto \frac{1}{x}$ or $y = \frac{k}{x}$ where k is a constant.